

Amendments to the Specification

The following amendments to the specification are requested.

Amend paragraph [0003] as follows:

[0003] As another buffer, there is a constitution in which a rotary damper having a casing and a drum disposed in the casing wherein the casing is filled with a silicone oil is supported by a carrier fixed to a pull-out rail, a pinion gear is fixed to the rotation axis of the rotary damper, a slider is horizontally slidably attached in a groove of the carrier, the slider has a rack meshed with the pinion gear, one end of a tension spring is fixed to the slider slier, and the other end thereof is fixed to the carrier. This buffer is used such that, during a buffering action of the rotary damper, the drum is pressed against a retaining shoe on the outer periphery of the casing (see Patent Document 2).

Amend paragraph [0053] as follows:

[0053] Meanwhile, a thin-long approximately-rectangular flat-plate-like sliding door closer 11 is attached to one longitudinal end of the sliding recessed portion of the guide rail attached to the upper opening perimeter of the opening. The sliding door closer 11 is a violent-closing prevention device serving as a buffer for preventing the sliding door from being violently closed. The sliding door closer 11 has a thin-long approximately-rectangular flat-plate-like case body 12. On the upper-surface side of the case body 12, an attachment recessed portion 13 which is recessed in the longitudinal cross section of the case body 12 is provided.

Amend paragraph [0056] as follows:

[0056] Furthermore, at a front end portion of the movement groove portion 18, a thin long groove-like rotation groove portion 19 extending in the width direction of the attachment recessed portion 13 is continuously provided. The rotation groove portion 19 has a shape curved like a circular arc at the front end portion of the case body 12. The rotation

groove portion 19 is formed from the center of the attachment recessed portion 13 in the width direction thereof to one side end portion of the attachment recessed portion 13 in the width direction thereof. Furthermore, the rotation groove portion 19 is communicated with the front end of the movement groove portion 18 by one end of the rotation groove portion 19.

Amend paragraph [0061] as follows:

[0061] To the attachment recessed portion 13 of the case body 12, a slider 31 which is slidable in the longitudinal direction of the attachment recessed portion 13 is attached. The slider 31 is attached to be relatively movable with respect to the case body 12. The slider 31 is formed to be an approximately-rectangular flat plate having a width approximately equal to the width of the attachment recessed portion 13. In a front end portion of the slider 31, a fit/insertion groove 32 extending in the longitudinal direction of the slider 31 is formed. The fit/insertion groove 32 is a groove into which the engagement pin 3 attached on the upper end surface of the sliding door 2 is slidably inserted and fitted, and has a width slightly larger than the diameter width of the engagement pin 3. The fit/insertion groove 32 is open toward one end side of the slider 31, and provided in a state in which it penetrates through the slider in the thickness direction of the slider 31, i.e., vertical direction. Along the longitudinal direction of the engagement groove 15 of the case body 12, the fit/insertion groove 32 is communicated with the engagement groove in the vertical direction in a state in which the slider 31 is slidably attached to the attachment recessed portion 13 of the case body 12.

Amend paragraph [0063] as follows:

[0063] Herein, to the main body 34 of the spring fixing portion 33 fixed is one longitudinal end portion of a coil spring 36 which is a spring member serving as an elastic means formed by spirally winding a steel copper wire. The coil spring 36 has an elastic force in the longitudinal direction of the coil spring 36. The other end of the coil spring 36 in the

longitudinal direction is fixed to the main body portion 22 of the spring fixing portion 21 of the case body 12 . Therefore, the coil spring 36 energizes toward the relative moving direction of the slider 31 and the case body 12 through a posture change to a pull-in posture of a hook body 61 which will be described later.

Amend paragraph [0098] as follows:

[0098] If the abutting force of the engagement pin 3 with respect to the retaining recessed portion 67 of the hook body 61 is larger than the elastic force of the coil spring 36, or if the buffering action caused by the rotary damper 50 is applied, and the abutting force is larger than the resultant force of the rotation resistance force and the friction force of the rotary damper 50 and the elastic force of the coil spring 36, the engagement stepped portion 71 of the hook body 61 presses the pressing member 44, thereby activating the brake mechanism in which the brake plate 28 is brought into sliding contact with the brake pad 47 of the pressing member 44 and the brake pad 39 of the slider 31 while the plate is being sandwiched therebetween. Therefore, since the friction forces of the brake plate 28 respectively caused by pressing of the brake pad 47 of the pressing member 44 and the brake pad 39 of the slider 31 are exerted, the friction force and the resistance force which are caused when the pinion gear 51 of the rotary damper 50 is engaged with the rack 26 and rotated can be reduced.